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Applicant : Hayden et al

Serial No. : 09/654,323

Art Unit: 1652

Filed : 1 September 2000

Examiner: Steadman, D. B.

Title : COMPOSITIONS AND METHODS FOR MODULATING
HDL CHOLESTEROL AND TRIGLYCERIDE LEVELS

Docket No : 760050-34

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Commissioner for Patents
Washington, DC 20231

PRIOR ART SUBMISSION

Sir:

Applicant submits herewith Form 1449 containing patents and publications identified as having relevance to the invention claimed in the instant application along with copies of said references. To facilitate the Examiner's consideration of such references, Applicants encloses herewith a copy of the International Search Report generated by the European Patent Office for the corresponding PCT application and listing all of the publications accompanying this submission.

No additional fee is believed due in filing this paper. If any fee is due, Applicant requests that the Commission charge such fee to Deposit Account No. 03-0678.

FIRST CLASS CERTIFICATE

I hereby certify that this correspondence is being deposited today with the U.S. Postal Service as First Class Mail in an envelope addressed to:

Commissioner for Patents
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Alan J. Grant 7/24/02
Alan J. Grant, Esq. Date

Respectfully submitted,

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760050-34Serial No.:
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INFORMATION DISCLOSURE STATEMENT

Applicant: Hayden et al.

Filing Date: 1 September 2000

Group: 1600 TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	A1	5,929,062	July 27, 1999	Haines			
	B1	3,152,152	October 6, 1964	William J. Wechter			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-Class	Translation
	C1	WO 97/12853	10 April 1997 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	D1	WO 97/42215	13 Nov. 1997 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	E1	WO 98/57647	23 Dec. 1998 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	F1	WO 00/34461	15 June 2000 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	G1	WO 00/54759	21 Sept. 2000 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	H1	WO 01/32184	10 May 2001 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	I1	WO 01/83746 A2	8 Nov. 2001 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	J1	WO 01/66098 A2	13 Sept. 2001 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	K1	WO 00/78971 A2	28 Dec. 2000 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	L1	WO 01/41704 A2	14 June 2001 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	M1	WO 00/55318	21 Sept. 2000 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No
	N1	WO 01/03705 A1	18 Jan. 2001 ✓				<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

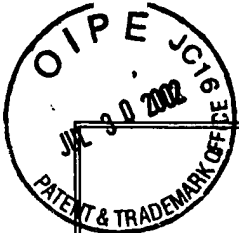
✓	O1	DATABASE CHEMABS – TABATA, TOSHIKAZU et al, "Hypocholesterolemic activity of phytosterol. II", retrieved from STN Database accession no. 93:160958, pgs. 546-52 (1980).
	P1	DATABASE BIOSIS – BRENDDEL, CAROLE et al., "Transcriptional regulation of cholesterol metabolism", Database accession no. PREV199900152920 (January 1999).

Examiner:

Date Considered:

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if



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U.S. PATENT DOCUMENTS

TECH CENTER 1600/2900

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	Q1						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-Class	Translation
	R1						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S1	George J. Schroepfer, Jr., "Design of New Oxysterols for Regulation of Cholesterol Metabolism", Current Pharmaceutical Design, pgs. 103-120 (1996).
T1	Langmann, et al., "Molecular Cloning of the Human ATP-Binding Cassette Transporter 1 (hABC1): Evidence for Sterol-Dependent Regulation in Macrophages", Biochem. and Biophys. Research Comm., pgs. 29-33 (1999).
U1	Lawn, et al., "The Tangier Disease Gene Product ABC1 Controls the Cellular Apolipoprotein-Mediated Lipid Removal Pathway", Journal of Clinical Investigation, Vol. 104, pgs. R25-R31 (August 10, 1999).
V1	Janowski, et al., "Structural requirements of ligands for the oxysterol liver X receptors LXR α and LXR β ", Proc. Nat'l. Acad. Sci. USA, Vol. 96, pgs. 266-271 (January 1999).
W1	Accad, et al., "Cholesterol homeostasis: A role for oxysterols", Current Biology, R601-R604 (1998).
X1	L.H. Krut, "Clearance of Subcutaneous Implants of Cholesterol in the Rat Promoted by Oxidation Products of Cholesterol", Elsevier, pgs. 105-118 (1982).
Y1	Rust, et al., "Tangier Disease is caused by Mutations in the Gene Encoding ATP-binding Cassette Transporter 1", Nature Genetics, Vol. 22, pgs. 352-355 (August 1999).
Z1	Lehmann, et al., "Activation of the Nuclear Receptor LXR by Oxysterols Defines a New Hormone Response Pathway, Journal of Biological Chemistry, Vol. 272, No. 6, pgs. 3137-3140 (1997).
AA	Janowski, et al., "An Oxysterol Signalling Pathway Mediated by the Nuclear Receptor LXR α ", Nature, Vol. 383, pgs. 728-731 (October 24, 1996).
BB	Brendel, et al., "Regulation Transcriptionnelle du Metabolisme du Cholesterol", pgs. 56-62 ((1998)
CC	Santamarina-Fojo, et al., "Complete Genomic Sequence of the Human ABCA1 Gene: Analysis of the Human and Mouse ATP-binding Cassette A Promoter, PNAS, Vol. 97, No. 14 (July 5, 2000).
DD	Schwartz, et al., "ABC1 Gene Expression and ApoA-I-Mediated Cholesterol Efflux are Regulated by LXR", pgs. 794-802, (2000).
EE	Costet, et al., "Sterol-dependent Transactivation of the ABC1 Promoter by the Liver X Receptor/Retinoid X Receptor", The Journal of Biological Chemistry, pgs. 28240-28245, Vol. 275 (September 8, 2000).

Examiner:

Date Considered:

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Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.